UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

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NOTICE OF ALLOWANCE AND FEE(S) DUE

Miltons IP/p.i. 225 Metcalfe Street Suite 700 Ottawa, ON K2P 1P5 12/22/2010

EXAMINER CHAMBERS, TROY

PAPER NUMBER

ART UNIT

Suite 700 3641

Ottawa, ON K2P IP9 DATE MAILED: 12/22/2010

CANADA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/590,461	08/23/2006	John MacDougall S	NC-134.PCT/US(5008-134-1	9756		
TITLE OF INVENTION: JACKETED ONE PIECE CORE AMMUNITION						

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	03/22/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FIEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

current correspond		iock 1 for any change of address)	F	ote; A certificate of maili ee(s) Transmittal. This cert pers. Each additional pap tve its own certificate of m	ificate cannot be used f er, such as an assignme	or domestic mailings of the for any other accompanying nt or formal drawing, must
Miltons IP/p.i. 225 Metcalfe Str Suite 700		72010		Certifica	te of Mailing or Trans	mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.
Ottawa, ON K2I	P 1P9		Ē		.,	(Depositor's name)
CANADA			F			(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR ATT	ORNEY DOCKET NO.	CONFIRMATION NO.
10/590,461 TITLE OF INVENTION	08/23/2006 : JACKETED ONE PIE	CE CORE AMMUNITIO	John MacDougall	SNC-II	84.PCT/US(5008-134-1	9756
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	03/22/2011
EXAM	IINER	ART UNIT	CLASS-SUBCLASS	7		
CHAMBE	RS, TROY	364I	102-514000	_		
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A	ND RESIDENCE DATA less an assignee is ident h in 37 CFR 3.11. Com	" Indication form aed. Use of a Customer A TO BE PRINTED ON	or agents OR, altern (2) the name of a sin registered attorney of 2 registered patent a listed, no name will THE PATENT (print or data will appear on the T a substitute for filing:	gle firm (having as a men r agent) and the names of torneys or agents. If no na se printed. ype)	ober a 2up to	ocument has been filed for
4a. The following fee(s)			b. Payment of Fee(s): (P	ease first reapply any pr		shown above)
☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			The Director is here	ard. Form PTO-2038 is at by authorized to charge the posit Account Number	required fee(s), any de	ficiency, or credit any n extra copy of this form).
	s SMALL ENTITY state	as. See 37 CFR 1.27.		onger claiming SMALL EN		
interest as shown by the	records of the United Sta	tes Patent and Trademark	Office.	, r	,	ne assignee or other party ir
Authorized Signature				Date		
Typed or printed nam	e			Registration No		
This collection of inform an application. Confiden submitting the completes this form and/or suggests Box 1450, Alexandria, V Alexandria, Virginia 223	nation is required by 37 C tiality is governed by 35 d application form to the ions for reducing this bu 'irginia 22313-1450. DC 113-1450.	CFR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the ONOT SEND FEES OR	on is required to obtain of 1.14. This collection is depending upon the in the Chief Information Off COMPLETED FORMS	r retain a benefit by the pu estimated to take 12 minut lividual case. Any comme icer, U.S. Patent and Trade TO THIS ADDRESS. SET	blic which is to file (and es to complete, includir nts on the amount of tir mark Office, U.S. Dep ND TO: Commissioner	by the USPTO to process gg gathering, preparing, and me you require to complete artment of Commerce, P.O for Patents, P.O. Box 1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.



UNITED STATES PATENT AND TRADEMARK OFFICE

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10/590,461 08/23/2006		08/23/2006	John MacDougall S	NC-134.PCT/US(5008-134-1 9756		
55678 7590 12/22/2010		12/22/2010		EXAMINER		
Miltons IP/p.i.				CHAMBERS, TROY		
225 Metcalfe				ART UNIT	PAPER NUMBER	
Suite 700 Ottawa, ON K CANADA	2P 1P9			3641 DATE MAILED: 12/22/201	0	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 592 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 592 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

International Bureau (PCT Rule 17.2(a)).

Application No.	Applicant(s)		
10/590,461	MACDOUGALL, JOHN		
Examiner	Art Unit		
Troy Chambers	3641		

The MAILING DATE of this communication appears on the cover sheet with the correspondence address
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included
herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS
NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative
of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.
1. ⊠ This communication is responsive to RCE filed 11/19/2010.
1. 🖂 This continuitication is responsive to <u>note the differented.</u>
2. ☑ The allowed claim(s) is/are 1-4,6-19 and 24.
E. E. The allowed stating) is tale 1-4,0 15 and 2-4.
 Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
·- ·- ·-
 Certified copies of the priority documents have been received.

3. Copies of the certified copies of the priority documents have been received in this national stage application from the

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.	
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.	

(a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date

2. Certified copies of the priority documents have been received in Application No.

(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6 DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the

attached Examiner's comment regarding	REQUIREMENT FOR	THE DEPOSIT O	E BIOLOGICAL MATERIAL	
attached Examiner o comment regarding	TILGOTTENIETT	THE BEI GOTT O	DIOLOGICAL MATTERIAL.	

Α	tta	chment(s	3)		
1		Notice o	f Potoropoon	Citad	/DT

Notice of References Cited (PTO-892)

2. Notice of Draftperson's Patent Drawing Review (PTO-948)

3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 10/01/2010

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. [Notice of	Informal	Patent	Applicatio
				· · · p p · · · · · · · · · ·

Interview Summary (PTO-413). Paper No./Mail Date

7. Examiner's Amendment/Comment Examiner's Statement of Reasons for Allowance

9.

☐ Other

/Troy Chambers/ Primary Examiner, Art Unit 3641